

EU-Block200-HF

Specification



Product Introduction

The product of EU-Block200-HF is a power storage system specially designed for regional microgrids such as small CBDs, farms, islands, outdoor photovoltaic power stations, etc., which can fully guarantee the power demand and energy security in these scenarios.

Product Features

Easy Installation and Maintenance

- Modular design simplifies setup and ensures effortless maintenance.

Applications

- Ideal for regional microgrids, small commercial districts, farms, islands, and outdoor photovoltaic power stations, ensuring reliable energy security.

High Safety Standards

- Integrated smoke sensor and fire-fighting system provide robust fire and heat resistance.

Flexible and Scalable Capacity

- Supports up to 10 parallel configurations for a maximum storage capacity of 2150 kWh, making it ideal for scalable energy requirements.

Rugged Design for Harsh Environments

- IP54 protection rating with a C4 anti-corrosion grade.
- Operates in temperatures ranging from -20°C to 50°C and humidity levels of 0-95%.

Industry Compliance

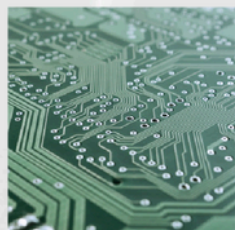
- Ideal for regional microgrids, small commercial districts, farms, islands, and outdoor photovoltaic power stations, ensuring reliable energy security.

EU-Block200-HF



Easy installation and maintenance

Outdoor housing for any installation site, easy maintenance due to modular design (Battery modules, BMS, PCS control design).



Real-time monitoring and control

7*24h real-time monitoring and control, Intelligent BMS, more precise SOC.



LFP cell & system safety design

Cabinet integrated with smoke sensor and fire fighting system, fireproof and high-temperature resistant cabinet.



Flexible and expandable

Max. up to 10 parallel 2150kWh capacity.

Specification

Model	EU-Block200-HF
Battery Parameter	
Cell Type	LFP
Battery Module Nominal Voltage (V)	51.2
Battery Module Energy (kWh)	14.336
Rated Voltage (V)	768
Voltage Range (V)	720-840
Battery Capacity(BOL) (kWh)	215.04
AC On-grid Parameter	
Grid Type	3W+N+PE
Rated Charge/Discharge Power (kW)	100
Rated Grid Voltage (V)	AC320-460
Applicable Grid Frequency (Hz)	45-55/55-65
Rated Current (A)	140
THDi	<3%
AC Off-grid Parameter	
Rated Charge/Discharge Power (kW)	100
Rated Grid Voltage (V)	AC400
Rated Frequency (Hz)	50/60
THDu	≤1% linear; or≤5% nonlinear
General Parameter	
Dimension:W*D*H (mm)	1800*1100*2340
IP Rating	IP54
Anticorrosion Grade	StandardC4
Operating Temperature Range	-20-50
Operating Humidity	0%-95%R.H
Altitude (m)	<2000
Cooling Method	HVAC
Noise (dB)	≤75
System Efficiency	≥85%
Max. Charging/Discharging Rate	0.5C/0.5P
Firefighting System	Integrated
Communication Port	CAN, RS485, ETH
Compliance	
Battery	IEC62619, CE, EMC, UN38.3, UN3480
PCS	IEC/EN 62109-1/-2, IEC/EN 62477-1/-2, IEC/EN 62477-2, IEC/EN 61000-6-1/2/3/4, IEC 60068-2

